Working Title: A Comparison of Approaches for Unplanned Sample Sizes in Phase II Clinical Trials

By

Molly Olson

Thesis

Submitted to the Faculty of the
Graduate School of Vanderbilt University
in partial fulfillment of the requirements
for the degree of

MASTER OF SCIENCE

in

Biostatistics

May, 2017

Nashville, Tennessee

Approved (in progress):

Tatsuki Koyama, Ph.D.

Jeffrey Blume, Ph.D.

ACKNOWLEDGMENTS

TABLE OF CONTENTS

		Page
A(CKNOWLEDGMENTS	. ii
LI	ST OF TABLES	. iv
LI	ST OF FIGURES	. v
Αŀ	BSTRACT	. vi
Ch	napter	
1	Introduction	. 1
	1.1 Chapter 1 section 11.1.1 Chapter 1 subsection1.2 Chapter 1 section 2	. 1
2	Chapter 2 title	. 3
	2.1 Chapter 2 Section 1	. 3 . 3 . 3 . 3 . 3
3	Chapter 3 title	. 4
	3.1 Chapter 3 Section 1	. 4 . 4
	3.2 Chapter 3 Section 2	. 4 . 4 . 4
	3.3.1 Chapter 3 Subsection	

LIST OF TABLES

Table

LIST OF FIGURES

Figure		Page	
1.1 Figure caption you want to show in the list of figures			1
1.2 Figure caption you want to show in the list of figures. It could be short. B			
if it is longer than one line, need to make sure it is single-line spaced			2

ABSTRACT

In this dissertation, we develop

Chapter 1

Introduction

Chapter 1 starts here

- 1.1 Chapter 1 section 1
- 1.1.1 Chapter 1 subsection
- 1.2 Chapter 1 section 2

Figure 1.1: You can put longer caption here

Figure 1.2: You can put longer caption here

Chapter 2

Chapter 2 title

Chapter 2 starts here

- 2.1 Chapter 2 Section 1
- 2.1.1 Chapter 2 Subsection
- 2.1.2 Chapter 2 Subsection
- 2.1.3 Chapter 2 Subsection
- 2.2 Chapter 2 Section 2
- 2.2.1 Chapter 2 Subsection
- 2.2.2 Chapter 2 Subsection
- 2.3 Chapter 2 Section 3
- 2.3.1 Chapter 2 Subsection

Chapter 3

Chapter 3 title

Chapter 3 starts here

- 3.1 Chapter 3 Section 1
- 3.1.1 Chapter 3 Subsection
- 3.1.2 Chapter 3 Subsection
- 3.1.3 Chapter 3 Subsection
- 3.2 Chapter 3 Section 2
- 3.2.1 Chapter 3 Subsection
- 3.2.2 Chapter 3 Subsection
- 3.3 Chapter 3 Section 3
- 3.3.1 Chapter 3 Subsection